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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                  |                              |
|----------------------------------|------------------------------|
| Applicant(s): David M. PEPPER,   | ) Re: Information Disclosure |
| et al.                           | ) Statement                  |
| Serial No.: 10/789,260           | ) Group: not yet assigned    |
|                                  | )                            |
| Filed: February 26, 2004         | ) Examiner: not yet assigned |
|                                  | )                            |
|                                  | ) Our Ref: B-4128 618652-9   |
| For: "OPTICAL REMOTE SENSOR WITH | )                            |
| DIFFERENTIAL DOPPLER MOTION      | ) Date: July 7, 2004         |
| COMPENSATION"                    |                              |

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. Copies of the foreign patent documents and the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003.

It should be noted that the above-identified application may be related by subject matter to the following U.S. Application(s): 09/849,641, filed May 4, 2001 (now U.S. Patent No. 6,657,732 B2). Pursuant to 37 C.F.R. 1.56(a) and M.P.E.P. 2004, paragraph 9, the applicant brings these co-pending applications to the attention of the Examiner. The Examiner should consider this information during the prosecution of the above-identified application. However, citation of these applications does not constitute an admission that the claims of the present application are substantially similar or similar to those of the applications

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listed above.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

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The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on July 7, 2004 by Shana Morda.



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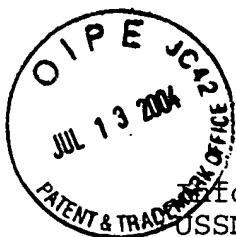
Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (1 page)  
Copy of documents listed on Form PTO-1449 (modified)



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|--|---------------------------------------|-------------------------------|
| Form PTO-1449 (Modified)                         | ATTY DOCKET NO.<br>B-4128 618652-9    | U.S. SERIAL NO.<br>10/789,260 |
| LIST OF PATENTS AND<br>PUBLICATIONS<br>STATEMENT | APPLICANTS<br>David M. PEPPER, et al. |                               |
|  | FILING DATE<br>February 26, 2004      | GROUP<br>not yet assigned     |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | ISSUE DATE | NAME          | CLASS | SUB-<br>CLASS | FILING DATE<br>or 102(e)<br>DATE IF<br>APPROPRIATE |
|---------------------|--------------------|------------|---------------|-------|---------------|--|
|                     | 5,229,832          | 7/1993     | Gaynor        | 356   | 360           |  |
|                     | 5,585,921          | 12/1996    | Pepper et al. | 356   | 357           |  |
|                     | 6,657,732<br>B2    | 12/2003    | Pepper et al. | 356   | 502           |  |

## FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | PUBLICATION<br>DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES/NO |
|-----------------|---------------------|---------|-------|----------|-----------------------|
|                 |                     |         |       |          |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |   |
|--|---|
|  | Feinburg, J., "Continuous-Wave Self-Pumped Phase Conjugator With Wide Field of View," <i>Optics Letters</i> , Vol. 8, No. 9, pp. 480-482 (1983).  |
|  | Feinburg, J., et al., "Phase-Conjugating Mirror With Continuous-Wave Gain," <i>Optics Letters</i> , Vol. 5, No. 12, pp. 519-521 (December 1980); <i>ibid</i> , (Errata), Vol. 6, No. 5, pg. 257 (May 1981). |
|  | Feinburg, J., "Self-Pumped, Continuous-Wave Phase Conjugator Using Internal Reflection," <i>Optics Letters</i> , Vol. 7, No. 10, pp. 486-488 (October 1982).  |
|  | Matsuda, Y., et al., "Optical Detection of Transient Lamb Waves On Rough Surfaces By a Phase-Conjugate Method," <i>Jpn. J. Appl. Physics</i> , Vol. 31, pp. L 987 -L 989 (July 15, 1992).                   |
|  | Paul, M., et al, "Interferometric Detection of Ultrasound At Rough Surfaces Using Optical Phase Conjugation," <i>Applied Physics Letters</i> , Vol. 50, No. 22, pp. 1569-1571 (June 1, 1987).               |

| EXAMINER | DATE CONSIDERED |
|----------|-----------------|
|          |                 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.